

ABSTRACT OF THE DISCLOSURE

Methods for calibrating at least two video cameras for a stereoscopic device includes : providing, on the lane portion, nine marks of hue other than that of the lane, sequenced on a first set of three concurrent virtual straight lines in a first point and distributed in specific manner on a second set of concurrent virtual straight lines in a second point ; forming, with each of the cameras an image of the lane portion; defining, in each of the two images, one characteristic point of each mark image ; determining, with the characteristic points, six concurrent straight line images respectively in two concurrent points ; and processing the video signals delivered by each video camera such that the signals are representative of two images suitable for forming a stereoscopic video image. The method is useful for determining the occupancy condition of a lane portion and detecting incidents.